

176 M  
8/19/11

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

✓ JSL

Sample: 7157-101-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
1.829	Isobutane	0.5	ug/L
2.016	Butane	0.4	ug/L
2.676	Butane, 2-methyl-	1	ug/L
13.285	Acetophenone, 4'-hydroxy-2',6'-dimethoxy-3'-(3-methyl-2-butenyl)-	0.2	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

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Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-102-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
6.209	Cyclopentane, methyl-	60	ug/L
13.109	Benzene, propyl-	100	ug/L
14.298	Indane	300	ug/L
14.738	Benzene, 4-ethyl-1,2-dimethyl-	200	ug/L
14.782	Benzene, 1-butenyl-, (E)-	100	ug/L
15.101	Benzene, 1,2,3,4-tetramethyl-	100	ug/L
15.266	1H-Indene, 2,3-dihydro-4-methyl-	80	ug/L
15.354	Benzene, 2-ethenyl-1,4-dimethyl-	100	ug/L
15.398	Benzene, 1,2,4,5-tetramethyl-	60	ug/L
15.597	1H-Indene,2,3-dihydro-2,2-dimethyl-	90	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-103-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
6.209	Cyclopentane, methyl-	20	ug/L
13.109	Benzene, propyl-	8	ug/L
13.902	Naphthalene, 1,7-dimethyl-	10	ug/L
14.287	Indane	30	ug/L
14.738	1-Phenyl-1-butene	8	ug/L
14.782	Benzene, 1-ethenyl-3-ethyl-	20	ug/L
15.101	Acetic acid, 2-ethylhexyl ester	30	ug/L
15.266	Benzene, 1-ethenyl-4-ethyl-	7	ug/L
15.354	1H-Indene, 2,3-dihydro-4-methyl-	20	ug/L
15.585	1H-Indene, 2,3-dihydro-1,6-dimethyl-	6	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-105-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
2.676	Butane, 2-methyl-	0.4	ug/L
13.935	Naphthalene, 1,4-dimethyl-	0.7	ug/L
14.287	Naphthalene, 2,3-dimethyl-	1	ug/L
14.386	Naphthalene, 2,7-dimethyl-	0.8	ug/L
14.771	Naphthalene, 2,3-dimethyl-	1	ug/L
15.013	Naphthalene, 2,6-dimethyl-	0.3	ug/L
15.585	Naphthalene, 1,4,6-trimethyl-	0.9	ug/L
15.871	Naphthalene, 1,4,6-trimethyl-	0.4	ug/L
15.960	Naphthalene, 1,4,6-trimethyl-	0.5	ug/L
16.092	Naphthalene, 1,6,7-trimethyl-	0.4	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-106-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est. *)
13.274	2-Pyrrolidinone, 1,5-dimethyl-3,3-diphenyl-	0.8	ug/L
14.298	Indane	2	ug/L
14.793	Benzene, 1-ethenyl-3-ethyl-	0.9	ug/L
15.365	Benzene, 1-ethenyl-3-ethyl-	0.3	ug/L
16.081	3-Oxa-6-thia-2,7-disilaoctane, 2,2,7,7-tetramethyl-	0.3	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-108-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
13.098	Benzene, propyl-	40	ug/L
13.902	Benzene, 1-methyl-4-propyl-	30	ug/L
14.287	Benzene, 1-ethenyl-2-methyl-	200	ug/L
14.738	1-Phenyl-1-butene	50	ug/L
14.782	Benzene, 1-methyl-2-(2-propenyl)-	100	ug/L
15.090	Benzene, 1,2,4,5-tetramethyl-	100	ug/L
15.211	Benzene, (2-methyl-1-butenyl)-	30	ug/L
15.585	1H-Indene, 2,3-dihydro-1,6-dimethyl-	60	ug/L
15.640	Benzene, 2,4-dimethyl-1-(1-methylethyl)-	60	ug/L
16.037	1H-Indene, 2,3-dihydro-4,6-dimethyl-	30	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-109-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
2.401	Fluorodichloromethane	0.5	ug/L
2.665	Butane, 2-methyl-	0.9	ug/L
4.503	Cyclobutane, methyl-	0.8	ug/L
4.987	Pentane, 3-methyl-	0.5	ug/L
13.791	Benzene, 1,2,3,4-tetramethyl-4-(1-methylethenyl)-	1	ug/L
14.309	Indane	0.7	ug/L
14.716	Naphthalene, 1,6-dimethyl-	0.6	ug/L
15.002	Naphthalene, 1,4-dimethyl-	0.4	ug/L
15.266	Benzene, (3-methyl-2-butenyl)-	0.4	ug/L
15.662	1H-Inden-1-one, 2,3-dihydro-3,3-dimethyl-	0.4	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-110-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
7.783	Cyclopentane, 1,2-dimethyl-, trans-	1	ug/L
9.004	Hexane, 2-methyl-4-methylene-	2	ug/L
9.852	2-Pentene, 2,3,4-trimethyl-	2	ug/L
10.259	Cyclohexane, 1,2-dimethyl-	3	ug/L
10.391	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	3	ug/L
10.710	2,4-Hexadiene, 2,5-dimethyl-	1	ug/L
11.359	1,2,4,4-Tetramethylcyclopentene	2	ug/L
14.298	Indane	1	ug/L
15.101	Acetic acid, 2-ethylhexyl ester	9	ug/L
15.222	1H-Indene,2,3-dihydro-2,2-dimethyl-	1	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.



Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-111-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est. *)
2.665	Butane, 2-methyl-	1	ug/L
4.503	Cyclobutane, methyl-	0.6	ug/L
6.264	Pentane, 2,4-dimethyl-	0.9	ug/L
7.288	Pentane, 2,3-dimethyl-	2	ug/L
7.805	Hexane, 2,2-dimethyl-	4	ug/L
9.213	Pentane, 2,3,4-trimethyl-	2	ug/L
9.345	Pentane, 2,3,3-trimethyl-	2	ug/L
15.101	Acetic acid, 2-ethylhexyl ester	6	ug/L
15.222	.alpha.,.beta.,.beta.-Trimethylstyrene	0.9	ug/L
16.257	Benzene, pentamethyl-	0.8	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-111-FD

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
4.514	Cyclobutane, methyl-	0.6	ug/L
6.264	Pentane, 2,4-dimethyl-	0.8	ug/L
7.287	Pentane, 2,3-dimethyl-	1	ug/L
7.805	Pentane, 2,2,4-trimethyl-	4	ug/L
9.213	Pentane, 2,3,4-trimethyl-	1	ug/L
9.345	Pentane, 2,3,3-trimethyl-	1	ug/L
14.496	Benzene, 1,2-diethyl-	0.5	ug/L
15.101	Acetic acid, 2-ethylhexyl ester	5	ug/L
15.222	Benzene, (3-methyl-2-butenyl)-	0.7	ug/L
16.257	Benzene, pentamethyl-	0.7	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-113-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
1.675	Propyne	2	ug/L
1.906	Acetaldehyde	1	ug/L
1.939	1-Butene	0.9	ug/L
4.415	Propanal, 2-methyl-	0.7	ug/L
5.285	Butanal	1	ug/L
5.483	Propanal, 2,2-dimethyl-	1	ug/L
13.098	Disulfide, bis(1,1,3,3-tetramethylbutyl)	1	ug/L
13.263	1-(10-Methyl-9,10-dihydroanthracen-9-yl)ethanone oxime	0.8	ug/L
14.188	1-Hexanol, 2-ethyl-	1	ug/L
15.101	Acetic acid, 2-ethylhexyl ester	6	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-114-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est. *)
1.939	2-Butene, (Z)-	0.3	ug/L
13.274	Cobalt, (2-methyl-.eta.-3-propenyl)-(pentamethylcyclopentadienyl)-	0.3	ug/L
14.947	Benzeneethanamine, N-[(pentafluorophenyl)methylene]-.beta.,4-bis[(trimethylsilyl)oxy]-	0.2	ug/L
16.081	Malonic acid, bis(2-trimethylsilylethyl ester	0.2	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-114-FD

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
13.263	2-Morpholinophenazine	0.2	ug/L
14.947	p-Trimethylsilyloxyphenyl-bis(trimethylsilyloxy)ethane	0.2	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-115-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
13.263	Tris(trimethylsilyl)hydroxylamine	0.2	ug/L

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: 7157-116-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
(No TICs found in this sample.)			

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: **7157-117-FB**

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
(No TICs found in this sample.)			

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.



Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: **7157-118-FB**

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
(No TICs found in this sample.)			

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

Tentatively Identified Compounds from:  
Analysis for Volatile Organic Compounds in Water for Low Levels

Sample: **7157-901-MB**

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
(No TICs found in this sample.)			

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

DW

Tentatively Identified Compounds from:  
Analysis for Semi-Volatile Organic Compounds in Solids

Sample: 7157-1-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
28.853	Eicosane, 3-methyl-	200	ug/kg
30.750	Heptacosane	200	ug/kg

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

7 pgs



Tentatively Identified Compounds from:  
Analysis for Semi-Volatile Organic Compounds in Solids

Sample: **7157-1-FD**

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
28.853	Sulfurous acid, butyl tetradecyl ester	100	ug/kg
30.740	Heptacosane	100	ug/kg

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.



Tentatively Identified Compounds from:  
Analysis for Semi-Volatile Organic Compounds in Solids

Sample: 7157-2-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
22.569	Diphenyl sulfone	200	ug/kg
28.853	Tetradecane	200	ug/kg
30.750	Heptacosane	200	ug/kg

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.





Tentatively Identified Compounds from:  
Analysis for Semi-Volatile Organic Compounds in Solids

Sample: 7157-4-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
(No TICs found in this sample.)			

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.



Tentatively Identified Compounds from:  
Analysis for Semi-Volatile Organic Compounds in Solids

Sample: 7157-6-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
(No TICs found in this sample.)			

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.



Tentatively Identified Compounds from:  
Analysis for Semi-Volatile Organic Compounds in Solids

Sample: 7157-7-\_\_

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
22.569	Diphenyl sulfone	200	ug/kg

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.



Tentatively Identified Compounds from:  
Analysis for Semi-Volatile Organic Compounds in Solids

Sample: **7157-957-MB**

Retention Time	Tentatively Identified Compound	Result	Units (Est.*)
4.032	3-Penten-2-one, 4-methyl-	300	ug/kg

(\*) This is a crude estimation based on response relative to an internal standard. An authentic standard has not been run.

